

RAW SEQUENCE LISTING

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Application Serial Number: 08/670,119A
Source: 1Fw16
Date Processed by STIC: 9/19/06

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IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/08/670,119A

DATE: 09/19/2006

TIME: 13:04:28

Input Set : A:\061567-5002 Sequence Listing.txt
 Output Set: N:\CRF4\09192006\H670119A.raw

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3 <110> APPLICANT: NG, Gordan YK
4      SEEMAN, Philip
5      GEORGE, Susan R
6      O'DOWD, Brian F
8 <120> TITLE OF INVENTION: PEPTIDE ANTAGONISTS OF THE ALPHA-1A ADRENERGIC RECEPTOR
10 <130> FILE REFERENCE: 061567-5002
12 <140> CURRENT APPLICATION NUMBER: US 08/670,119A
13 <141> CURRENT FILING DATE: 1996-06-25
15 <150> PRIOR APPLICATION NUMBER: US 60/014,306
16 <151> PRIOR FILING DATE: 1996-03-27
18 <160> NUMBER OF SEQ ID NOS: 70
20 <170> SOFTWARE: PatentIn version 3.3
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23 <211> LENGTH: 23
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
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53 <211> LENGTH: 22
54 <212> TYPE: PRT
55 <213> ORGANISM: Homo sapiens
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64          20
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68 <211> LENGTH: 23
69 <212> TYPE: PRT
70 <213> ORGANISM: Homo sapiens

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72 <400> SEQUENCE: 4
74 Val Thr Val Met Ile Ser Ile Val Trp Val Leu Ser Phe Thr Ile Ser
75 1 5 10 15
78 Cys Pro Leu Leu Phe Gly Leu
79 20
82 <210> SEQ ID NO: 5
83 <211> LENGTH: 24
84 <212> TYPE: PRT
85 <213> ORGANISM: Homo sapiens
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89 Pro Ala Phe Val Val Tyr Ser Ser Ile Val Ser Phe Tyr Val Pro Phe
90 1 5 10 15
93 Ile Val Thr Leu Leu Val Tyr Ile
94 20
97 <210> SEQ ID NO: 6
98 <211> LENGTH: 24
99 <212> TYPE: PRT
100 <213> ORGANISM: Homo sapiens
102 <400> SEQUENCE: 6
104 Met Leu Ala Ile Val Leu Gly Val Phe Ile Ile Cys Trp Leu Pro Phe
105 1 5 10 15
108 Phe Ile Thr His Ile Leu Asn Ile
109 20
112 <210> SEQ ID NO: 7
113 <211> LENGTH: 24
114 <212> TYPE: PRT
115 <213> ORGANISM: Homo sapiens
117 <400> SEQUENCE: 7
119 Val Leu Tyr Ser Ala Phe Thr Trp Leu Gly Tyr Val Asn Ser Ala Val
120 1 5 10 15
123 Asn Pro Ile Ile Tyr Thr Thr Phe
124 20
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128 <211> LENGTH: 443
129 <212> TYPE: PRT
130 <213> ORGANISM: Homo sapiens
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134 Met Asp Pro Leu Asn Leu Ser Trp Tyr Asp Asp Asp Leu Glu Arg Gln
135 1 5 10 15
138 Asn Trp Ser Arg Pro Phe Asn Gly Ser Asp Gly Lys Ala Asp Arg Pro
139 20 25 30
142 His Tyr Asn Tyr Tyr Ala Thr Leu Leu Thr Leu Leu Ile Ala Val Ile
143 35 40 45
146 Val Phe Gly Asn Val Leu Val Cys Met Ala Val Ser Arg Glu Lys Ala
147 50 55 60
150 Leu Gln Thr Thr Thr Asn Tyr Leu Ile Val Ser Leu Ala Val Ala Asp
151 65 70 75 80
154 Leu Leu Val Ala Thr Leu Val Met Pro Trp Val Val Tyr Leu Glu Val
155 85 90 95

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158 Val Gly Glu Trp Lys Phe Ser Arg Ile His Cys Asp Ile Phe Val Thr
 159 100 105 110
 162 Leu Asp Val Met Met Cys Thr Ala Ser Ile Leu Asn Leu Cys Ala Ile
 163 115 120 125
 166 Ser Ile Asp Arg Tyr Thr Ala Val Ala Met Pro Met Leu Tyr Asn Thr
 167 130 135 140
 170 Arg Tyr Ser Ser Lys Arg Arg Val Thr Val Met Ile Ser Ile Val Trp
 171 145 150 155 160
 174 Val Leu Ser Phe Thr Ile Ser Cys Pro Leu Leu Phe Gly Leu Asn Asn
 175 165 170 175
 178 Ala Asp Gln Asn Glu Cys Ile Ile Ala Asn Pro Ala Phe Val Val Tyr
 179 180 185 190
 182 Ser Ser Ile Val Ser Phe Tyr Val Pro Phe Ile Val Thr Leu Leu Val
 183 195 200 205
 186 Tyr Ile Lys Ile Tyr Ile Val Leu Arg Arg Arg Lys Arg Val Asn
 187 210 215 220
 190 Thr Lys Arg Ser Ser Arg Ala Phe Arg Ala His Leu Arg Ala Pro Leu
 191 225 230 235 240
 194 Lys Gly Asn Cys Thr His Pro Glu Asp Met Lys Leu Cys Thr Val Ile
 195 245 250 255
 198 Met Lys Ser Asn Gly Ser Phe Pro Val Asn Arg Arg Arg Val Glu Ala
 199 260 265 270
 202 Ala Arg Arg Ala Gln Glu Leu Glu Met Glu Met Leu Ser Ser Thr Ser
 203 275 280 285
 206 Pro Pro Glu Arg Thr Arg Tyr Ser Pro Ile Pro Pro Ser His His Gln
 207 290 295 300
 210 Leu Thr Leu Pro Asp Pro Ser His His Gly Leu His Ser Thr Pro Asp
 211 305 310 315 320
 214 Ser Pro Ala Lys Pro Glu Lys Asn Gly His Ala Lys Asp His Pro Lys
 215 325 330 335
 218 Ile Ala Lys Ile Phe Glu Ile Gln Thr Met Pro Asn Gly Lys Thr Arg
 219 340 345 350
 222 Thr Ser Leu Lys Thr Met Ser Arg Arg Lys Leu Ser Gln Gln Lys Glu
 223 355 360 365
 226 Lys Lys Ala Thr Gln Met Leu Ala Ile Val Leu Gly Val Phe Ile Ile
 227 370 375 380
 230 Cys Trp Leu Pro Phe Phe Ile Thr His Ile Leu Asn Ile His Cys Asp
 231 385 390 395 400
 234 Cys Asn Ile Pro Pro Val Leu Tyr Ser Ala Phe Thr Trp Leu Gly Tyr
 235 405 410 415
 238 Val Asn Ser Ala Val Asn Pro Ile Ile Tyr Thr Thr Phe Asn Ile Glu
 239 420 425 430
 242 Phe Arg Lys Ala Phe Leu Lys Ile Leu His Cys
 243 435 440
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 247 <211> LENGTH: 25
 248 <212> TYPE: PRT
 249 <213> ORGANISM: Homo sapiens
 251 <400> SEQUENCE: 9

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Input Set : A:\061567-5002 Sequence Listing.txt
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253 Ile Leu Thr Ala Cys Phe Leu Ser Leu Leu Ile Leu Ser Thr Leu Leu
254 1 5 10 15
257 Gly Asn Thr Leu Val Cys Ala Ala Val
258 20 25
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262 <211> LENGTH: 27
263 <212> TYPE: PRT
264 <213> ORGANISM: Homo sapiens
266 <400> SEQUENCE: 10
268 Phe Phe Val Ile Ser Leu Ala Val Ser Asp Leu Leu Val Ala Val Leu
269 1 5 10 15
272 Val Met Pro Trp Lys Ala Val Ala Glu Ile Ala
273 20 25
276 <210> SEQ ID NO: 11
277 <211> LENGTH: 24
278 <212> TYPE: PRT
279 <213> ORGANISM: Homo sapiens
281 <400> SEQUENCE: 11
283 Asn Ile Trp Val Ala Phe Asp Ile Met Cys Ser Thr Ala Ser Ile Leu
284 1 5 10 15
287 Asn Leu Cys Val Ile Ser Val Asp
288 20
291 <210> SEQ ID NO: 12
292 <211> LENGTH: 25
293 <212> TYPE: PRT
294 <213> ORGANISM: Homo sapiens
296 <400> SEQUENCE: 12
298 Ala Ala Phe Ile Leu Ile Ser Val Ala Trp Thr Leu Ser Val Leu Ile
299 1 5 10 15
302 Ser Phe Ile Pro Val Gln Leu Ser Trp
303 20 25
306 <210> SEQ ID NO: 13
307 <211> LENGTH: 25
308 <212> TYPE: PRT
309 <213> ORGANISM: Homo sapiens
311 <400> SEQUENCE: 13
313 Thr Tyr Ala Ile Ser Ser Ser Val Ile Ser Phe Tyr Ile Pro Val Ala
314 1 5 10 15
317 Ile Met Ile Val Thr Tyr Thr Arg Ile
318 20 25
321 <210> SEQ ID NO: 14
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323 <212> TYPE: PRT
324 <213> ORGANISM: Homo sapiens
326 <400> SEQUENCE: 14
328 Thr Leu Ser Val Ile Met Gly Val Phe Val Cys Cys Trp Leu Pro Phe
329 1 5 10 15
332 Phe Ile Leu Asn Cys Ile Leu Pro Phe Cys
333 20 25

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Input Set : A:\061567-5002 Sequence Listing.txt
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336 <210> SEQ ID NO: 15
337 <211> LENGTH: 24
338 <212> TYPE: PRT
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341 <400> SEQUENCE: 15
343 Phe Asp Val Phe Val Trp Phe Gly Trp Ala Asn Ser Ser Leu Asn Pro
344 1 5 10 15
347 Ile Ile Tyr Ala Phe Asn Ala Asp
348 20
351 <210> SEQ ID NO: 16
352 <211> LENGTH: 24
353 <212> TYPE: PRT
354 <213> ORGANISM: Homo sapiens
356 <400> SEQUENCE: 16
358 Gly Met Gly Leu Leu Met Ala Leu Ile Val Leu Leu Ile Val Ala Gly
359 1 5 10 15
362 Asn Val Leu Val Ile Val Ala Ile
363 20
366 <210> SEQ ID NO: 17
367 <211> LENGTH: 24
368 <212> TYPE: PRT
369 <213> ORGANISM: Homo sapiens
371 <400> SEQUENCE: 17
373 Ile Met Ser Leu Ala Ser Ala Asp Leu Val Met Gly Leu Leu Val Val
374 1 5 10 15
377 Pro Phe Gly Ala Thr Ile Val Val
378 20
381 <210> SEQ ID NO: 18
382 <211> LENGTH: 24
383 <212> TYPE: PRT
384 <213> ORGANISM: Homo sapiens
386 <400> SEQUENCE: 18
388 Glu Leu Trp Thr Ser Val Asp Val Leu Cys Val Thr Ala Ser Ile Glu
389 1 5 10 15
392 Thr Leu Cys Val Ile Ala Leu Asp
393 20
396 <210> SEQ ID NO: 19
397 <211> LENGTH: 24
398 <212> TYPE: PRT
399 <213> ORGANISM: Homo sapiens
401 <400> SEQUENCE: 19
403 Arg Gly Leu Val Cys Thr Val Trp Ala Ile Ser Ala Leu Val Ser Phe
404 1 5 10 15
407 Leu Pro Ile Leu Met His Trp Trp
408 20
411 <210> SEQ ID NO: 20
412 <211> LENGTH: 24
413 <212> TYPE: PRT
414 <213> ORGANISM: Homo sapiens

VERIFICATION SUMMARY

PATENT APPLICATION: US/08/670,119A

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